

Message Text

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22-11

ORIGIN EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NRC-05 NSAE-00 TRSE-00

EUR-12 ERDA-05 ISO-00 MC-02 ACDA-05 /037 R

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FM SECSTATE WASHDC

TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 296539

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, UR

SUBJECT: US EQUIPMENT FOR DESIGN AND MANUFACTURE OF
CONTINUOUS AND PRISMATIC LENSES TO USSR - IL 1565 AND 1091

REF: STATE 294577

USDEL REQUESTED MAKE FOLLOWING CHANGES IN REFTEL:

1. PAGE 2 UNDER IL 1091 EQUIPMENT: AFTER WORDS "1 TYPE
THREE AXIS MEASURING MACHINE" ADD THE WORDS "AND DNC
SYSTEM".
2. IN PARA 4 DELETE LAST SENTENCE AND SUBSTITUTE THE
FOLLOWING SENTENCE THEREFOR: "A MORE DETAILED
DESCRIPTION OF SUBJECT EQUIPMENT HAS BEEN DEPOSITED WITH
THE SECRETARIAT."
3. INSERT NEW PARAGRAPH 5 AS FOLLOWS: "THE TOTAL
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CONFIGURED CONTROL SYSTEM IS, IN THE VIEW OF US AUTHORITIES,

A DIRECT NUMERICAL CONTROL SYSTEM WHICH IS EMBARGOED BY IL 1091. THE DNC SYSTEM IS LIMITED IN ITS CAPABILITIES BY THE FACT THAT THE SOFTWARE IS NOT OF THE TYPE WHICH WOULD PERMIT FEEDBACK OR CONTINUAL OPERATOR INTERVENTION OR COULD BE EASILY UPGRADED TO PERFORM SUCH FUNCTIONS. THE PRECISION GENERATOR (BOSTOMATIC) DOES NOT HAVE THE CAPABILITY TO PERFORM EITHER LINEAR OR CIRCULAR INTERPOLATION. WHILE THE US BELIEVES THE DNC SYSTEM COULD BE USED FOR METAL REMOVAL OPERATIONS, ITS DEDICATED USE IN THE APPLICATION IN THIS CASE AND THE LIMITATIONS ON THE EQUIPMENT AND SOFTWARE MAKE THIS PARTICULAR HIERARCHAL SYSTEM RATHER UNSOPHISTICATED AND OF THE TYPE THAT WOULD POSE NO STRATEGIC RISK BOTH IN TERMS OF ITS DIVERSION TO OTHER PURPOSES OR THE TRANSFER OF KNOWHOW OR TECHNOLOGY RELATED TO THE DNC PACKAGE."

4. RENUMBER OLD PARA 5 AS PARA 6 AND DELETE LAST SENTENCE.

5. RENUMBER OLD PARA 6 AS PARA 7.

6. IN AIRMAILED ATTACHMENT, ON PAGE NUMBERED 25, CHANGE "DISTANCE MEASURING INTERFEROMETER" TO READ "MECHANICAL ENCODER". ON PAGE NUMBERED 26, PARA 6, LAST SENTENCE, DELETE THE WORDS "FUTURE PROCESSING" AND INSERT THE WORDS "SUBSEQUENT PRINTOUT FOR QUALITY CONTROL PROCESSING." INGERSOLL

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Message Attributes

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